Critical Infrastructure Risk Management in The Evolving Threat Environment

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IOT ANALYTICS

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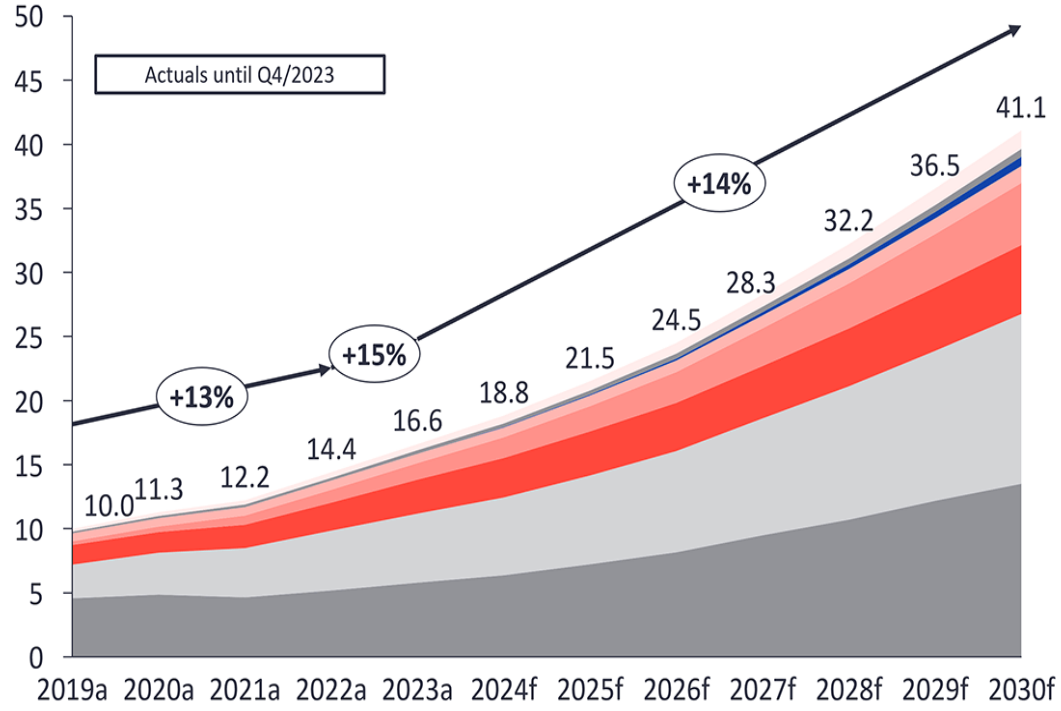
Your Global IoT Market Research Partner

Global IoT market forecast (in billions of connected IoT devices)

Number of global active IoT connections (installed base) in billions



Connectivity type	CAGR 21–23	CAGR 23–30
Other	21%	17%
Wireless neighborhood area networks (WNAN)	15%	14%
Cellular 5G IoT	147%	62%
Wired IoT	4%	9%
LPWA	35%	21%
Cellular IoT (excl. 5G, LPWA)	21%	11%
Wireless local area networks (WLAN)	18%	14%
Wireless personal area networks (WPAN)	12%	13%

XX% = CAGR

Note: IoT connections do not include any computers, laptops, fixed phones, cellphones, or consumers tablets. Counted are active nodes/devices or gateways that concentrate the end-sensors, not every sensor/actuator. Simple one-directional communications technology not considered (e.g., RFID, NFC). Wired includes ethernet and fieldbuses (e.g., connected industrial PLCs or I/O modules); Cellular includes 2G, 3G, 4G, 5G; LPWA includes unlicensed and licensed low-power networks; WPAN includes Bluetooth, Zigbee, Z-Wave or similar; WLAN includes Wi-Fi and related protocols; WNAN includes non-short-range mesh, such as Wi-SUN; Other includes satellite and unclassified proprietary networks with any range.

Source: IoT Analytics Research 2024-State of IoT Summer 2024. We welcome resharing: Please attribute this image to its original source and include a link back to the original article.

INTERNET
OF THINGS

Comms. Sector
Critical Manufacturing
Government Facilities
Emergency Services
Nuclear Reactors, Materials & Waste
Energy Sector
Defense Industrial Base
Food & Agriculture
Dams Sector
Chemical Sector
Health & Public Health
Water & Wastewater
Information Technology
Commercial Facilities
Financial Services
Courtesy of DHS

16 critical infrastructure sectors whose assets, systems, and networks, whether physical or virtual, are considered so vital to the United States that their incapacitation or destruction would have a debilitating effect on security, national economic security, national public health or safety, or any combination thereof.

INCIDENT RESPONSE

Chinese Hackers Accessed US Treasury Workstations in 'Major' Cybersecurity Incident

Chinese hackers remotely accessed US Treasury Department workstations after compromising a cloud-based service operated by BeyondTrust.

BY MATT BURGESS SECURITY APR 14, 2025 6:00 AM

TraderTraitor: The Kings of the Crypto Heist

Allegedly responsible for the theft of $1.5 billion in cryptocurrency from a single exchange, North Korea's TraderTraitor is one of the most sophisticated cybercrime groups in the world.

Defense Advance Research Projects Agency DARPA

Route 2 Strategies

Small, organized and technically proficient groups will be able to confront current standing nations… and may succeed.

Counterterrorism Report

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Counterterrorism Report

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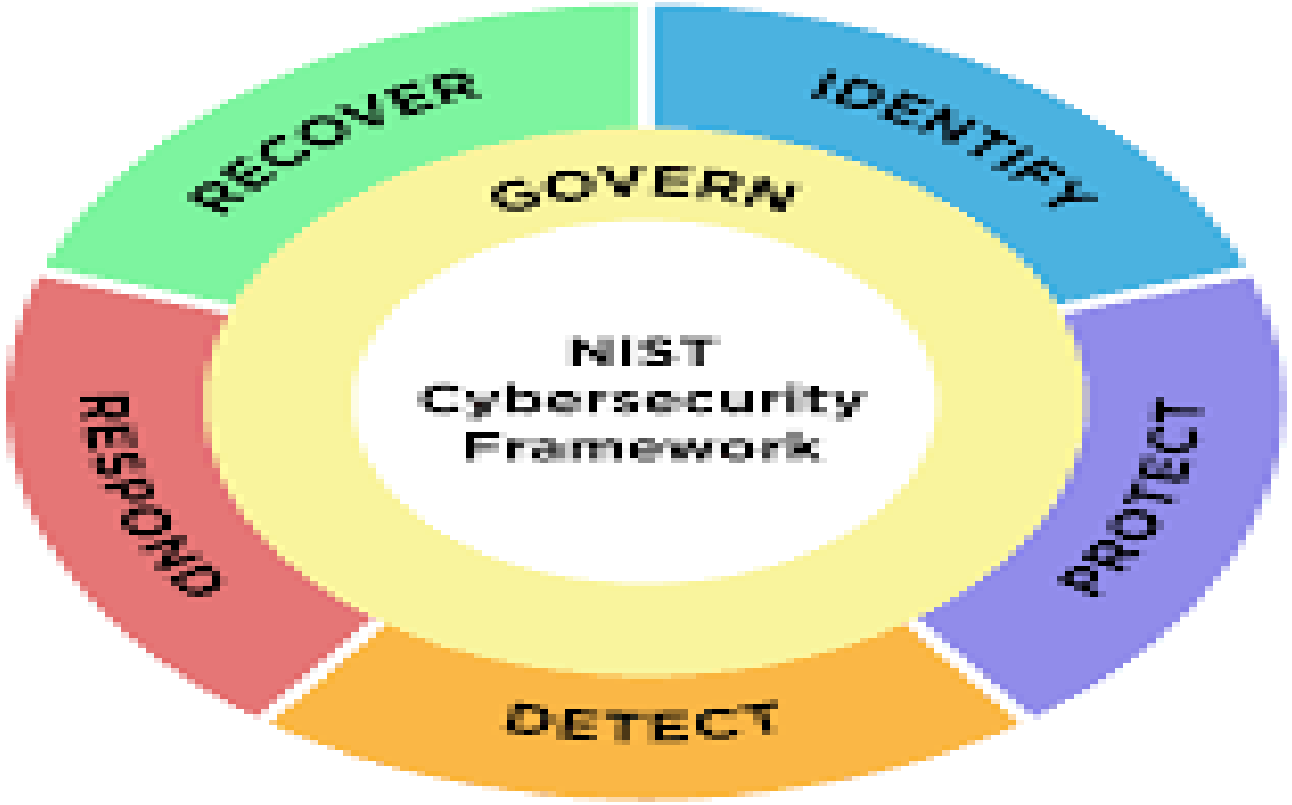
RECOVER
IDENTIFY
GOVERN
NIST
Cybersecurity
Framework
RESPOND
PROTECT
DETECT

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